

Title (en)

ENERGY-EFFICIENT EXCHANGE OF DATA IN A WIRELESS SENSOR NETWORK

Title (de)

ENERGIEEFFIZIENTER AUSTAUSCH VON DATEN IN EINEM DRAHTLOSEN SENSORNETZWERK

Title (fr)

ÉCHANGE DE DONNÉES ÉNERGÉTIQUEMENT EFFICACE DANS UN RÉSEAU DE CAPTEURS SANS FIL

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Application

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Abstract (en)

[origin: WO2009077353A1] The invention relates to a method for exchanging data in a network (NET), in particular a mesh network, comprising a group of nodes where the respective node is operated based on a timely repeating process scheme, the process scheme being composed in chronological sequence by an active phase followed by a sleeping phase. The active phase is designed in chronological sequence by an activation phase for communicating the start of the active phase, followed by a communication phase, and the communication phase is composed of a receiving phase for only receiving data and a transmitting/receiving phase for receiving and transmitting data. The invention also relates to a node operating according to said method and to a network comprising a plurality of such nodes

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